

CM 690 II Advanced

Specifications

Model	CM 690 II Advanced (USB 3.0 ver.)	CM 690 II Advanced (USB 2.0 ver.)
I/O Panel	USB 3.0 x 2, USB 2.0 x 2, Mic x 1, Audio x 1 (support HD/AC 97)	E-SATA x 1, USB 2.0 x 2, Mic x 1, Audio x 1 (support HD/AC 97)
Material	Steel body ; Plastic + Mesh bezel	
Dimension (W/H/D)	214.5 x 496 x 528.8 mm / 8.4 x 19.5 x 20.8 inch	
Net Weight	9.56 kg / 21.08 lbs	
Motherboard Type	Micro-ATX / ATX	
5.25" Drive Bay	4 (Without the use of exposed 3.5" drive bay)	
3.5" Drive Bay	6 Hidden 1 Exposed (Converted from one 5.25" drive bay)	
Expansion Slot	7+1	
Cooling System	Front:140 x 25 mm LED on/off fan x 1, 1200 rpm, 19 dBA Rear:120 x 25 mm fan x 1, 1200 rpm, 17 dBA Top:140 x 25 mm fan x 1,1200 rpm,19 dBA (Support 120 or 140 mm fan x 2) Bottom:120 x 25 mm fan x 2 (Optional) Left Side:120 or 140 mm fan x 2 (Optional) Right Side:80 x 15 mm fan x 1 (Optional) HDD Cage:120 x 25 mm fan x 1(Optional) VGA Holder:80 x 15 mm fan x 1 (Optional) *VGA holder for USB 2.0 version only	
Power Supply Type	Standard ATX PS2 / EPS 12V (Optional)	

* product specifications are subject to change without notice.



1. CPU cooler installation:
Please ensure that your CPU-cooler does NOT exceed 6.9-inch (177 mm) height, it will cause damage to the side panel of the case and the CPU cooler.
2. Please ensure that your GPU card does NOT exceed 10.9-inch (304 mm) in length, it will cause damage to the case and the GPU card .

规格

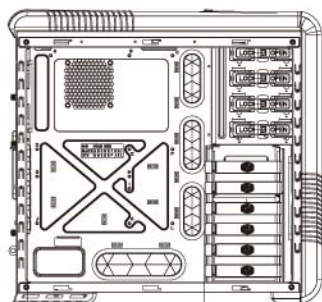
机型	CM 690 II Advanced (USB 3.0 ver.)	CM 690 II Advanced (USB 2.0 ver.)
I/O面板	USB 3.0 x 2, USB 2.0 x 2, Mic x 1, Audio x 1 (support HD/AC 97)	E-SATA x 1, USB 2.0 x 2, Mic x 1, Audio x 1 (support HD/AC 97)
材质	Steel body ; Plastic + Mesh bezel	
尺寸(W/H/D)	214.5 x 496 x 528.8 mm	
淨重	9.56 公斤 / 21.08 磅	
主板类型	Micro-ATX / ATX	
5.25"装置	4 (不安装外露之3.5"装置)	
3.5"装置	6 隐藏 1 外露 (使用5.25"装置转入)	
扩充槽	7+1	
散热系统	前面: 140 x 25 mm LED开/关风扇 x 1, 1200 RPM, 19 dBA 后面: 120 mm 风扇 x 1, 1200 RPM, 17 dBA 顶部: 140 x 25 mm 风扇 x 1,1200 rpm, 19 dBA (支持120 or 140 mm 风扇 x 2) 底部: 120 x 25 mm 风扇 x 2 (选购) 左面: 120 / 140 mm 风扇 x 2 (选购) 右面: 80 x 15 mm 风扇 x 1 (选购) HDD Cage:120 x 25 mm 风扇 x 1 (选购) VGA Holder: 80 x 15 mm 风扇 x 1 (选购)*仅CM 690 II Advanced (USB 2.0 ver.)提供显卡支撑架	
电源类型	标准 ATX PS2 / EPS 12V (选购)	

* 产品规格变更恕不另外通知

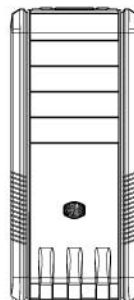


1. 本机箱所使用的CPU散热器限高177mm, 超过此高度将会伤害机箱侧板与CPU散热器.
2. 本机箱所使用的显卡限长304mm, 超过此长度将会伤害显卡.

CM 690 II Advanced



304 mm
Maximum width
for VGA Card



177 mm
Maximum height
for CPU Cooler

Fittings Pack

Pics	Name	Q'ty	Used for
	SCW - round - M3*5	20	ODD / FDD
	SCW - hexagon - #6 - 32*6	10	PSU / VGA holder
	SCW - hexagon - M3*5	12	M/B
	Stand - off	10	M/B tray
	Stand-off socket	1	M / B tray
	Stand Off - hole - fix	2	M/B tray
	SCW - round - #6 - 32*4	1	Lock BKT
	3.5" BKT	2	3.5" device
	Lock BKT	1	Side panel
	Cable tie	12	Cable management
	5.25"to 3.5" Mesh panel	1	3.5" device
	Plastic revit	4	HDD Fan
	Case speaker	1	M/B Warning
	VGA holder *VGA holder for USB 2.0 version only	1	VGA Card

CM 690 II Advanced

配件包

圖片	名稱	數量	用途
	SCW - M3*5	20	锁光驱/软驱
	#6 - 32*6 螺丝	10	锁电源/支架組件
	M3*5六角	12	锁主板
	铜柱	10	固定主板
	铜柱套筒	1	锁固铜柱
	Stand Off - 定位台階 - CU	2	定位主板
	#6 - 32*4 螺丝	1	锁锁片
	3.5"支架	2	安装3.5"装置
	锁片	1	锁侧板
	束线帶	12	整理线材
	5.25"转3.5"挡板組	1	安装软驱时使用
	塑膠拉钉	4	安装120 mm 硬盘的风扇
	机殼喇叭	1	主板警报
	VGA支架組 *仅CM 690 II Advanced (USB 2.0 ver.)提供显卡支撑架	1	固定显卡

有害物质禁用表

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 [Cr(VI)]	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
机箱組	×	○	○	○	○	○
面板組	×	○	○	○	○	○
I/O模組	×	○	○	○	○	○
风扇	×	○	○	○	○	○
零件包	×	○	○	○	○	○
电源	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T 11363-2006标准规定的限量要求以下。
 ×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T 11363-2006标准规定的限量要求。

上述规范仅适用于中国法律

CM 690 II Advanced

I/O Function panel installation guide

- Please refer to the illustration in the section of USB2.0 and Audio connector from the motherboard user manual. Please select the motherboard which uses the same USB2.0, AC'97, HD Audio standard as below. otherwise, it will cause damage to device(s).
- The following illustration is a diagram showing the front panel I/O connectors.
- On some motherboards, the connectors for USB2.0 and Audio are not the same as the drawing below. Please check with your motherboard manual before installing.

I/O 面板安装说明

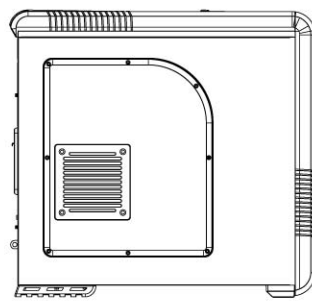
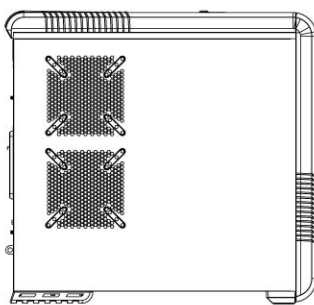
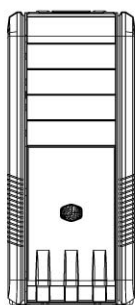
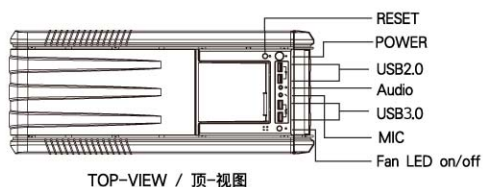
- 请参考主板使用说明书的USB2.0和声音插孔章节的图示。另外，请选用以下标准USB2.0 和音效连接头，避免损坏本产品。
- 下图为前面板I/O电缆的连接线图。
- 一些主板的USB2.0和音效连接头与下图不符，安装前，请参阅主板使用说明。

Motherboard	Case Connector
Front panel USB 2.0 connector	USB 2.0 connector
Front panel SATA connector	SATA connector * For CM 690 II Advanced (USB 2.0 ver.) only
AC'97	AC'97 Connector
Azalia (Intel High Definition Audio)	HD Connector
Front panel USB3.0 connector	USB3.0 connector * For CM 690 II Advanced (USB 3.0 ver.) only

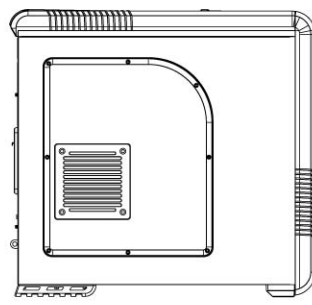
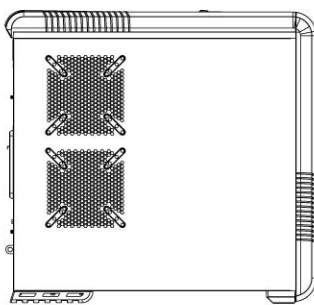
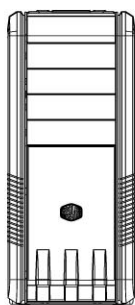
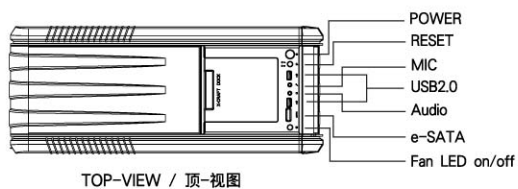
CM 690 II Advanced

1. Diagram / 示意图

1.1 CM 690 II Advanced (USB 3.0 ver.)



1.2 CM 690 II Advanced (USB 2.0 ver.)

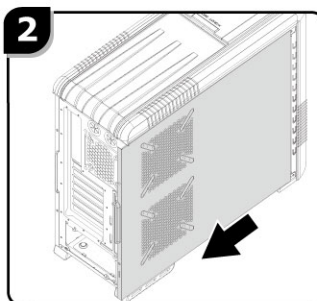
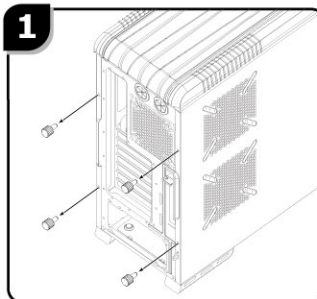


CM 690 II Advanced

2. Installation Guide / 安装说明

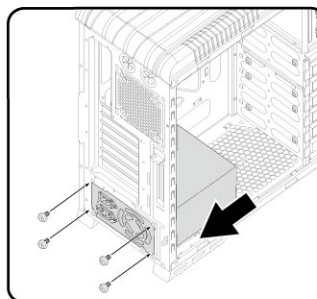
2.1

- EN How to remove the side panel
- BG Как се отстранява страничният панел
- CHS 拆下侧板
- CHT 拆下侧板
- CS Jak odstranit postranní kryt
- DE So entfernen Sie die Seitenplatte
- EL Πως να αφαιρέσετε τον πλευρό πινάκα
- ES Cómo quitar el panel lateral
- FR Comment retirer le panneau latéral
- HU Oldalsó panel eltávolítása
- IT Come rimuovere il pannello laterale
- JA サイドパネルをどう取り外す作業
- NL Verwijderen van het zijpaneel
- PL Jak zdjąć pokrywę boczną
- PT Como remover o painel lateral
- RU Как снять боковую панель
- SR Kako da uklonite bočnu ploču
- TR Yan paneli kaldırma



2.2

- EN How to install the power supply
- BG Как се поставя захранващата връзка
- CHS 安装电源
- CHT 安裝電源
- CS Jak instalovat zdroj napájení
- DE So installieren Sie das Netzteil
- EL Πως να εγκαταστήσετε τη τροφοδοσία
- ES Cómo instalar la fuente de alimentación
- FR Comment installer l'unité d'alimentation
- HU Tápellátás bekötése
- IT Tápellátás bekötése
- JA 電源をどう取り付けする作業
- NL Installeren van de voeding
- PL Jak pod.Jak pod
- PT Como instalar a fonte de alimentação
- RU Как установить источник питания
- SR Kako da instalirate napajanje
- TR Güç kaynağını kurma

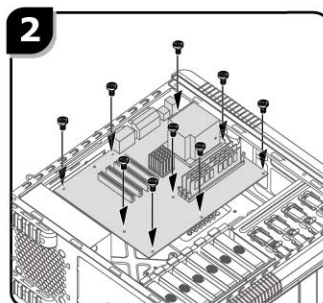
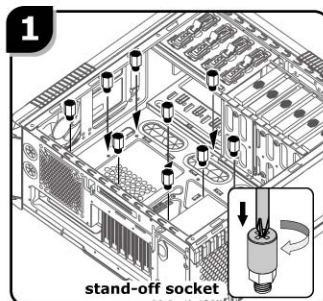


PSU bottom fan can be set up facing up/down to accommodate any PSU type.

CM 690 II Advanced

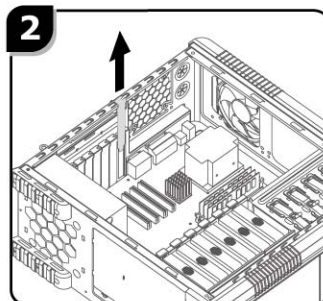
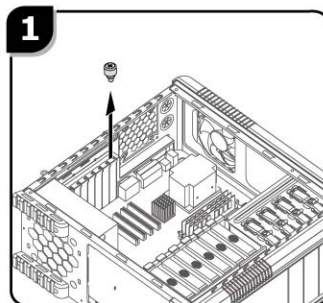
2.3

- [EN] How to install the motherboard
- [BG] Как се инсталира дънната платка
- [CHS] 安装主板
- [CHT] 安裝主機板
- [CS] Jak nainstalovat motherboard
- [DE] So installieren Sie das Motherboard
- [EL] Πως να εγκαταστήσετε τη Μητρική μονάδα
- [ES] Cómo instalar la placa base
- [FR] Comment installer la carte mère
- [HU] Alaplap összeállítás
- [IT] Come installare la motherboard
- [JA] マザーボードをどう取り付ける作業
- [NL] Installeren van het moederbord
- [PL] Jak zamontować płytę główną
- [PT] Como instalar a placa-mãe
- [RU] Как установить материнскую плату
- [SR] Kako da instalirate matičnu ploču
- [TR] Anakartı kurma

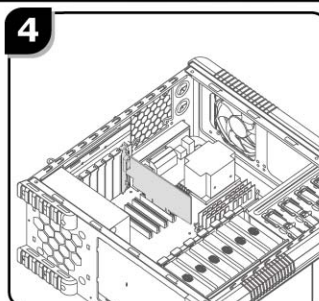
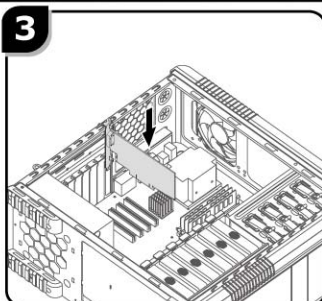


2.4

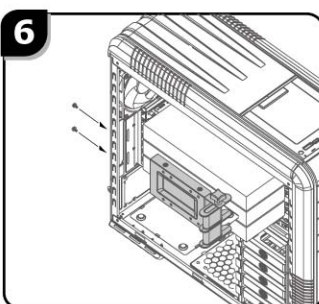
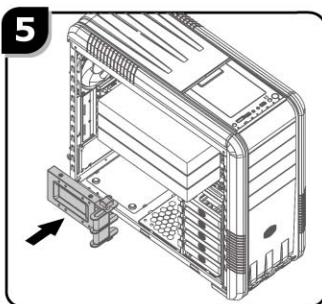
- [EN] How to install the add-on-cards
- [BG] Как се инсталират допълнителните платини
- [CHS] 安装附加卡
- [CHT] 安裝附加卡
- [CS] Jak nainstalovat přídatné karty
- [DE] So installieren Sie Erweiterungskarten
- [EL] Πως να εγκαταστήσετε τις κάρτες προσθήκης
- [ES] Cómo instalar tarjetas adicionales
- [FR] Comment installer les cartes supplémentaires
- [HU] Add-on kártyák beszerelése
- [IT] Come installare le schede aggiuntive
- [JA] アドオンカードをどう付け加える作業
- [NL] Installeren van de uitbreidings kaarten
- [PL] Jak podłączyć karty rozszerzeń
- [PT] Como instalar as placas adicionais
- [RU] Как установить дополнительные платы
- [SR] Kako da instalirate dodatne kartice
- [TR] Eklenti kartlarını kurma



CM 690 II Advanced



CM 690 II Advanced (USB 3.0 ver.) installation, please skip below 2 steps

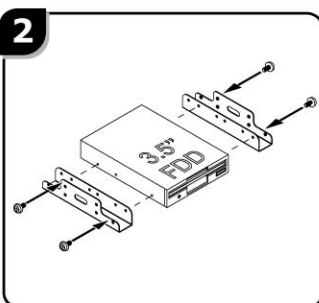
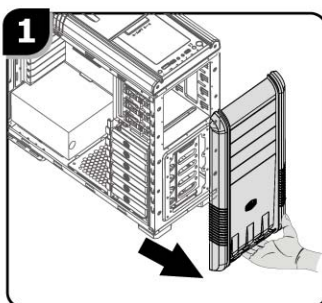


2.5

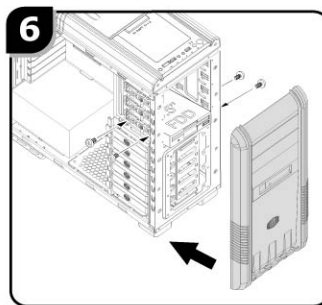
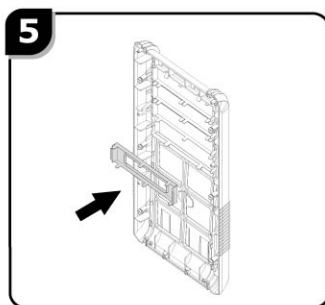
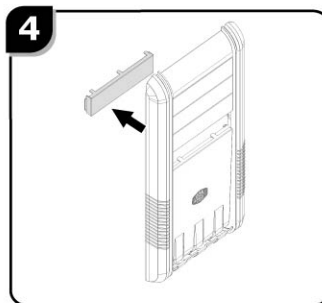
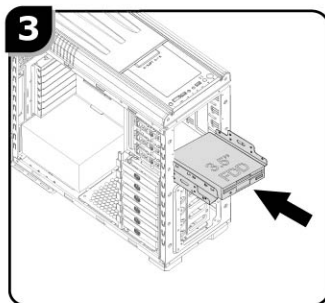
- (EN) How to install the 5.25" and 3.5" devices
- (BG) Как се инсталират 5,25" и 3,5" устройствата
- (CHS) 安裝光驱和软驱
- (CHT) 安裝光碟機和軟盤機
- (CS) Jak nainstalovat zařízení 5.25" a 3.5"
- (DE) So installieren Sie 5,25"- und 3,5"-Geräte
- (EL) Πως να εγκαταστήσετε τις συσκευές 5,25" και 3,5"
- (ES) Cómo instalar los dispositivos de 5,25" y 3,5"
- (FR) Comment installer les périphériques 5,25 pouces et 3,5 pouces

- (HU) 5.25" és 3.5" eszközök beszerelése
- (IT) Come installare le unità da 5.25" e da 3.5"
- (JA) 5.25インチおよび 3.5 インチ・デバイス
をどう取り付ける作業
- (NL) Installeren van de 5.25" en 3.5" apparaten
- (PL) Jak zamontować urządzenia 5.25" i 3.5"
- (PT) Como instalar os dispositivos 5,25 e 3,5 pol
- (RU) Как установить устройства 5,25" и 3,5"
- (SR) Kako da instalirate 5,25" i 3,5" uređaje
- (TR) 5,25" ve 3,5" aygıtları kurma

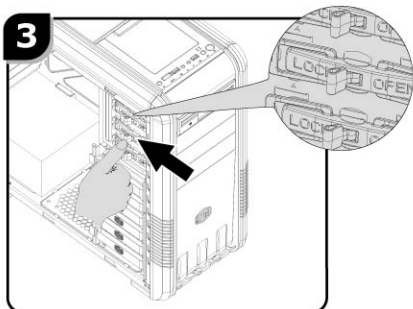
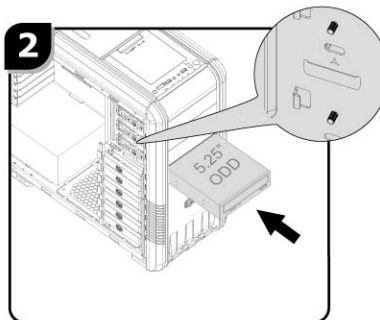
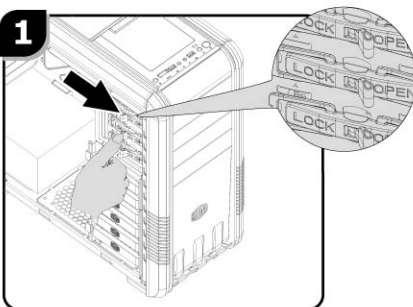
2.5.1 Install 3.5" device / 安裝 3.5" 裝置



CM 690 II Advanced



2.5.2 Install 5.25" device / 安裝 5.25" 裝置



5.25" device fixed position

CM 690 II Advanced

2.6

EN How to install the hard disk drive

BG Как се инсталира твърдият диск

CHS 安裝硬盤

CHT 安裝硬碟

CS Jak nainstalovat pevný disk

DE So installieren Sie die Festplatte

EL Πως να εγκαταστήσετε τη μονάδα σκληρού δίσκου

ES Cómo instalar la unidad de disco duro

FR Comment installer le lecteur du disque dur

HU Merevlemez-meghajtó beszerelése

IT Come installare il disco rigido

JA ハードディスク・ドライブをどう取り付ける作業

NL Installeren van de harde schijf

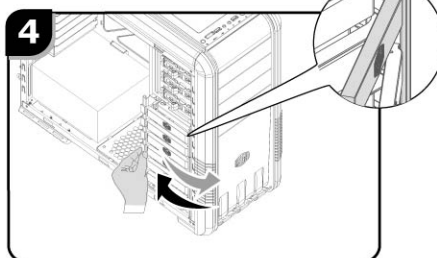
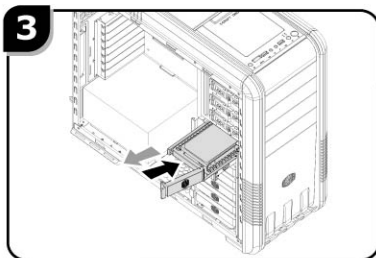
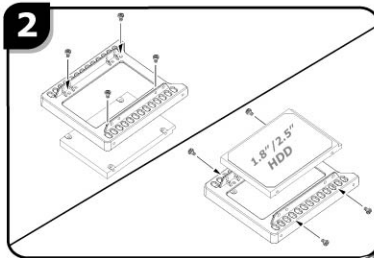
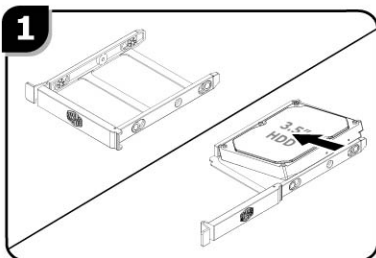
PL Jak zamontować dysk twardy

PT Como instalar o drive do disco rígido

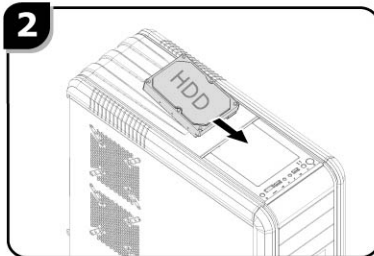
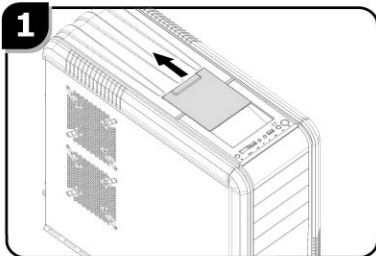
RU Как установить накопитель на жестком диске

SR Kako da instalirate čvrsti disk

TR Sabit disk sürücüsünü kurma



2.6.1 Install HDD on the top cover/安裝頂部硬碟



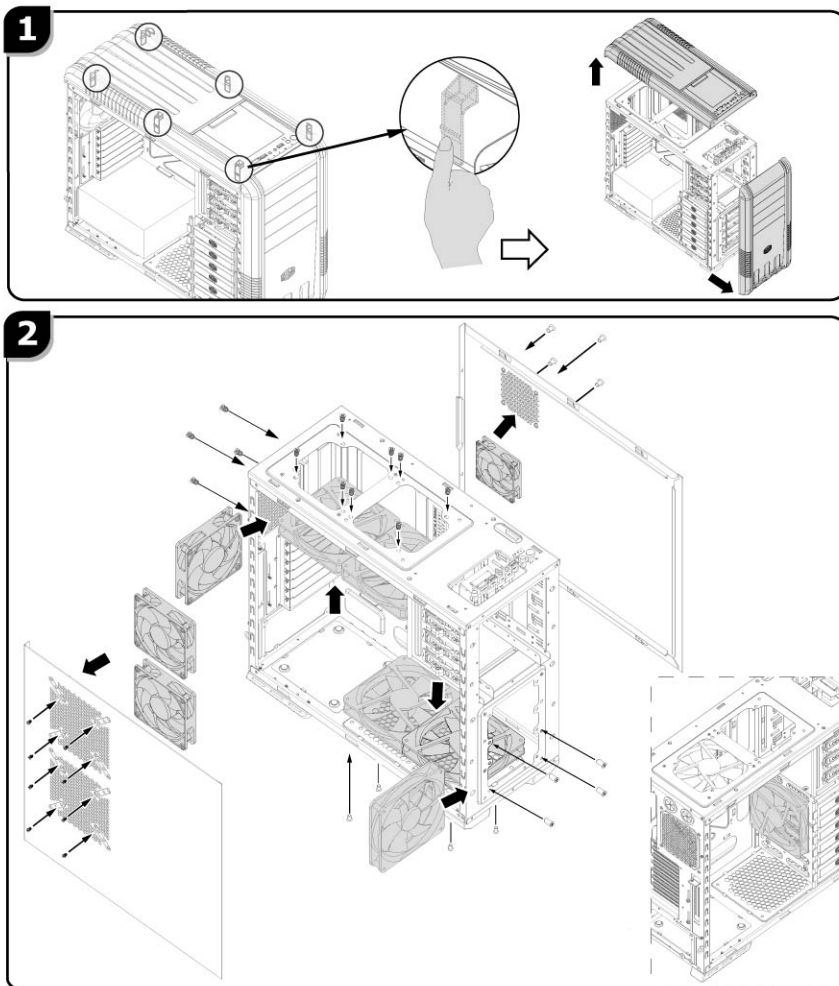
Recommend enabling AHCI hard drive mode when using hard drive dock for hot-swap mode, see your motherboard vendor for more information.

CM 690 II Advanced

2.7

- (EN) How to install or replace case fans
(BG) Как се инсталират или заменят вентилаторите на кутията
(CHS) 安装和更换机箱风扇
(CHT) 安裝和更換機箱風扇
(CS) Jak nainstalovat či vyměnit větráky
(DE) So installieren Sie Gehäuselüfter oder tauschen sie aus
(EL) Πως να εγκαταστήσετε ή να αντικαταστήσετε τους ανεμιστήρες του περιβλήματος
(ES) Cómo instalar o reemplazar los ventiladores de la carcasa
(FR) Comment installer ou remplacer les ventilateurs du boîtier

- (HU) Ventilátorok szerelése vagy cseréje
(IT) Come installare o sostituire le ventole del case
(JA) ケース・ファンのインストールまたは交換する時の取り付け作業
(NL) Installeren of vervangen van de case fans
(PL) Jak zamontować lub wymienić wentylatory w obudowie
(PT) Como instalar ou substituir ventoinhas da caixa
(RU) Как установить или заменить корпусные вентиляторы
(SR) Kako da instalirate ventilatore u kućište i da ih menjate
(TR) Kasa fanlarını kurma veya değiştirme



CM 690 II Advanced

2.8

EN How to install the liquid radiator

BG Как се монтира охлаждащ радиатор

CHS 安裝水冷

CHT 安裝水冷

CS Instalace kapalinového chladiče

DE So installieren Sie den Flüssigradiator

EL Πώς να εγκαταστήσετε το ψυγείο υγρού

ES Cómo instalar el radiador líquido

FR Comment installer le radiateur liquide

HU A vízhűtés beszerelése

IT Come installare il radiatore con refrigerante liquido

JA 液冷システムの取り付け方法

NL Installeren van watergekoelde radiator

PL Jak zamontować chłodnicę ciecząową

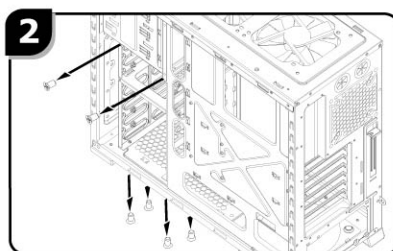
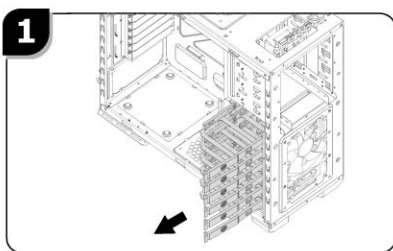
PT Como instalar o radiador líquido

RU Установка радиатора жидкостной системы охлаждения

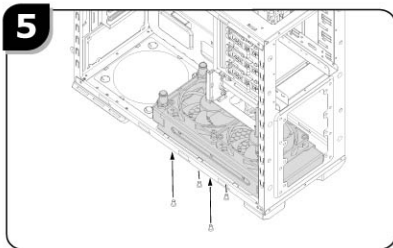
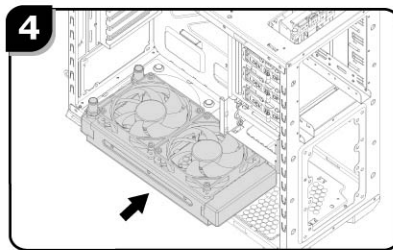
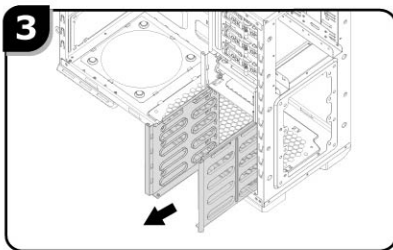
SR Kako se instalira hladnjak za tečno hlađenje

TR Sıvı radyatör nasıl kurulur

2.8.1 Bottom installation for the radiator/安裝底部水冷



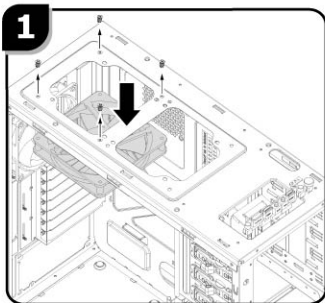
! After installation, it is common for paint to peel.



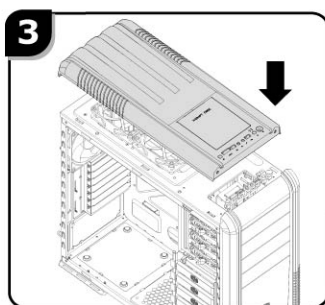
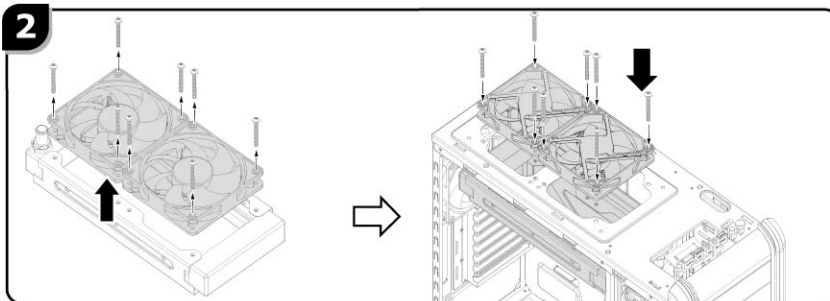
! - Cooler and liquid cooling are optional
- If using bottom radiator we recommend PSU with length not exceeding 150mm

CM 690 II Advanced

2.8.1 Top installation for the radiator / 安裝頂部水冷



⚠ Only fans of 120mm size can be mounted above the chassis frame



⚠ Please make sure the radiator does not exceed height limit.

CM 690 II Advanced

2.9

- EN** Completing installation
- BG** Завършване на инсталацията
- CHS** 完成安裝
- CHT** 完成安裝
- CS** Dokončení instalace
- DE** Abschließen der Installation
- EL** Ολοκλήρωση εγκατάστασης
- ES** Completar la instalación
- FR** Terminer l'installation
- HU** Telepítés elvégzése
- IT** Completamente dell'installazione
- JA** インストール完了
- NL** Installatie voltooid
- PL** Kończenie instalacji
- PT** Finalizar a instalação
- RU** Завершение установки
- SR** Dovršavanje instalacije
- TR** Kurulum tamamlanıyor

